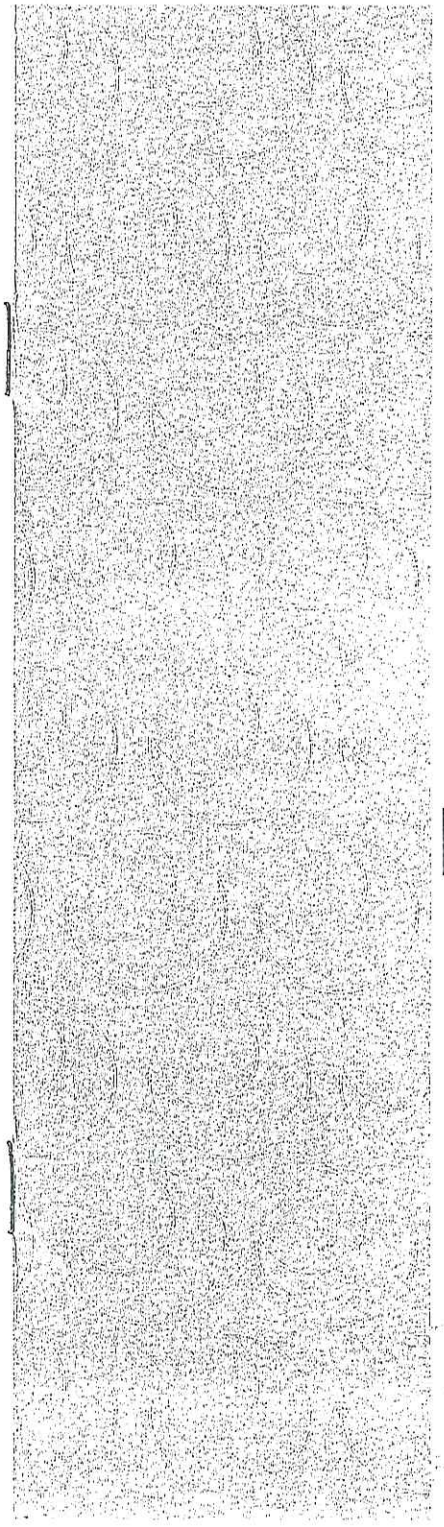

gemini
ITALY

INDUCTION COOKER

MODEL NO.:GIC20DL

Proudly presented by Gilman

Gilman Home Appliances
太平家庭電器

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利豐控股集團成員
A member of the Li & Fung (Holdings) Group

特别说明：

基於安全操作的考慮，本機特別設計成“兩次起動”操作程式。

1．按“開機/關機”鍵一次，電源指示燈閃亮，本機進入待機狀態。

2．再按你希望進入的功能鍵，本機才能起動進入加熱狀態。

SPECIAL NOTICE:

For safety operation, the induction cooker is designed " start twice " operation procedure.

1. Press "ON/OFF" key once, the power indicator flashes and the cooker enters into standby situation.
2. Press your desire function key again, then the cooker will enter into heating situation.

Warning 警告

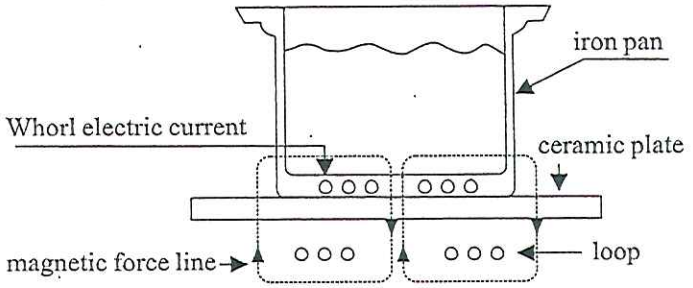
若操作面板上有水，請先將水擦乾後再操作，
否則感應失效，無法操作。控制面板有水時
同時按下任意兩鍵，顯示窗顯示“EE”。

If there is water on the control panel , please wipe it off before operation, otherwise the induction will be disabled. Press faculative two keys at the same time when there is water on the control panel, display will show “EE”.

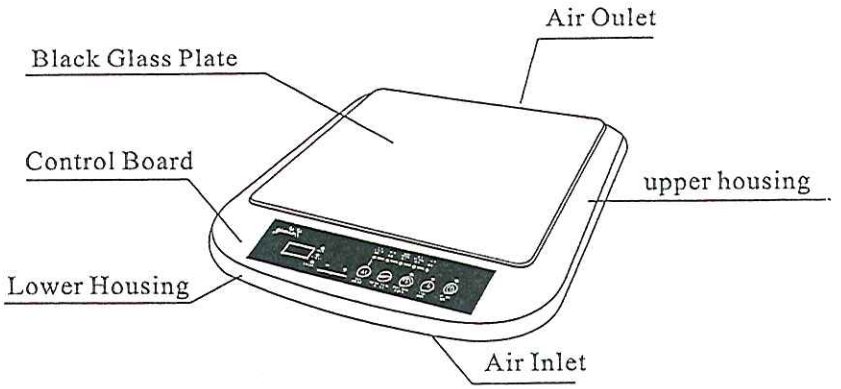
Our company adopt most advanced technique and technics, perfect quality-control system to product this new environmental-friendly and high-frequency in duction cooker. This series induction-cooker is controlled by microcomputer, non-fire , non-smoke, high-efficiency, safe and save time, so the hidden trouble of the traditional cooking method disappear. Diversified performance of this cooker is up to the international standard. The surface of the cooker is used a high-class, heat-resistant glass plate, the design of the cooker is attractive and elegant, anywhere you place it can gloss the room. You can make the cooking simple and convenient through using flat bottom pan for different purpose, one stove for different purpose.

Operating Principle

The induction cooker applies the heating principle of the magnetic field inducing the whorl electric current. It utilizes the magnetic field produced by the current passing the loop when the magnetic force line passes the bottom of the iron pan. It will produce numberless whorl electric current that will heat up the pan rapidly, and then heat up the food in the pan .



Parts Name



Suitable pans

The.cooker automatically inspects the following pans made of enamel, cast iron and staibless with flat bottom and diameter not less than 12cm -26cm, the operation is in order.

stainless iron pan

iron grill pan

porcelain enamel pan

iron enamel tea pot

cast iron pan

fry pan

Unsuitable Pans

1. The material of the pan containing of ceramic glass aluminum or copper.
2. The diameter of the pan shorter than 12cm or longer than 26 cm. The bottom of the pan is uneven or with feet.
3. Stainless steel pan or stainless iron with double bottom.
4. Stainless steel appliance.
5. If use the unsuitable pan, It maybe cause fire as the temperature is too high.

ceramic pan

heatproof glass pan

pan with arc bottom

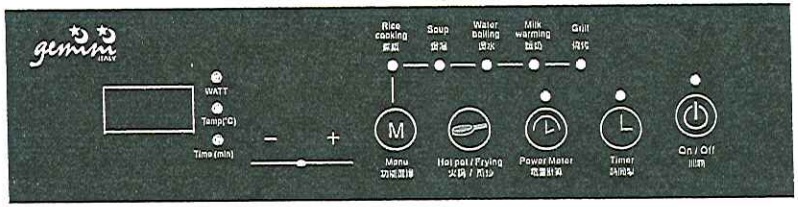
aluminum pan
the material of the pan containing of aluminum.

Pan with feet

diameter shorter than 12 cm

Using instructions

GIC20DL continue panel & operation instruction



This style is with 10-level power adjustments and 10-level temperature adjustments, controlled by 7 buttons, 3-digitals display, easy to operate.

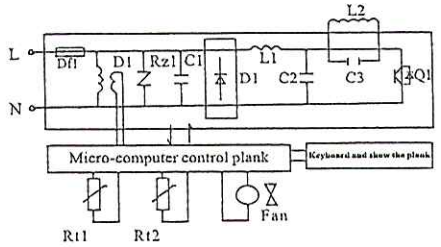
step	operation	indicator	function
1	ON/OFF	POWER/ FIREPOWER	1. Place usable cooking utensils in the centre of the top plate and plug in the unit, power indicator is on. 2. Press ON/OFF key, stove enters into waiting-start state, power indicator light is on 3.all the state can be cancelled when press ON/OFF key under the working state.
2	HOT POT /FRYING	WATT、 TEMP.	1. Press HOT POT/FRYING key once , stove enters into hot pot state, firepower light is on(firepower default is 5),press "+" or "-" key can adjust firepower. 2. Press HOT POT/FRYING twice under working state stove enters into frying state, temperature light is on(temperature default is 200℃),press "+" or "-" can adjust temperature you want. 3. Press TIMER key can set the time to shut off the stove (details as step9)
3	RICE COOKING	RICE COOKING TIME	1. Press MENU key twice when stove is on, stove enters into intelligent rice cooking state,display shows 60 min. count down time. 2. Firepower and time are unadjustable, stove enters into keep-warm state when the rice is cooked and rice cooking light is gritterring. 3. Stove is automatic to shut off after 60 minutes.
4	SOUP	SOUP、 TIME	1. Press MENU key 3 times when stove is on, stove enters into intelligent soup state,display shows 120 min. count down time. 2. Press "+" or "-" can adjust time, firepower and temperature are unadjustable.

Continuously descend the page

Mount the page

step	operation	indicator	function
5	WATER BOILING	WATER BOILING	1. Press MENU key 4 times when stove is on, stove enters into intelligent water boiling state, display shows nothing. 2. Firepower、temperature and time are unadjustable. stove enters into keep-warm state after water is boiling 0-3 minutes. The water boiling light OFF.
6	MILK WARMING	MILK WARMING	1. Press MENU key 5 times when stove is on, stove enters into intelligent milk warming state, display shows nothing. 2. Firepower and temperature are unadjustable, press TIME to set the time to shut off, display shows count down time. Press "+" or "-" can adjust time.(details as step9)
7	GRILL	GRILL	1. Press MENU key 6 times when stove is on, stove enters into intelligent grill state, display shows nothing. 2. Firepower and temperature are unadjustable, press TIME to set the time to shut off, display shows count down time. Press "+" or "-" can adjust time.(details as step9)
8	POWER METER	POWER METER	1. Press POWER METER key under working state, you can check the power wastage. 2. display shows 3 digitals(one in front of radix point and two behind it.)show the total power wastage from the stove is on work.(the unit is degree), display shows power wastage after working 1 minute.
9	TIMER	TIMER	1. Press "TIMER" key after pluging in ,display shows setting time; Press "+" or "-" to adjust time, then Press FUNCTION key to select function , you can set the time from now to enter into the function you want. 2. Press "TIMER" key under any working state, you can set the time to stop the stove working. 3. Press"+" key once can add 5 minute, Lasting press can increase quickly(Max. is 180 minutes); press "-" key once can decrease 1 minute, lasting press can decrease quickly(Min. is 0 minute) 4. Stove is automatic to exit the setting state to the original working state when there is no operation within 5 seconds
Remarks: the above automatic functions must work with double-bottom pan.			

Electric circuit principle diagram

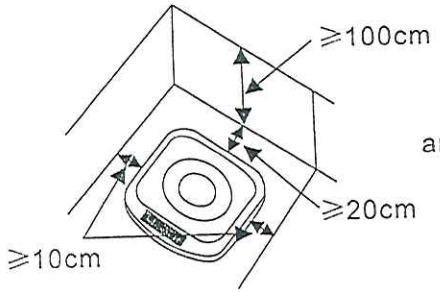


Cautions

Please pay attention to the followings to avoid electricity, short circuit, fire or break-down.

1. Don't open up or refit the parts or repair the cooker by yourself to avoid danger.
2. Don't use the cooker it pin cord shatters or the plug doesn't match the socket stably.
3. The cord should be neither bend nor folded into coil.
4. Don't cover the body plug and the power plug .
5. The cooker must employ a special power socket instead of common one with other electric appliances. The rating current of the socket is not less than 13A.(The cooker s employ current is about 7A.)
6. Don't plug with wet hands.
7. Avoiding using the cooker in a place where moisture is present or fire isclose.
8. The cooker during working should not be laid on any unstable place. (such as metal surface,carpet,tablecloth etc.)
9. Don't use the cooker outside the room.
10. The cooker is for household use only.
11. Avoid using the cooker in a place where children might touch it or operate by themselves.
12. Avoid heating the empty pan or heating in excess.
13. Don't place any metal materials, such as kitchen knife, fork, spoon, pan lid, aluminum foil, etc., on the plate since they will be heated.
14. Don't move the cooker with the pan on the plate.
15. Sufficient space is needed around the cooker during working (Please refer to the attached legend.). Keep the front, left and right of the cooker clean.

16. Avoid dropping brooch and metal thread into the air inlet, airoutlet or aperture.
17. Avoid falling things on the ceramic plate. If there's cracks on the surface, turn off the power supply, put out the pin and send to the service center immediately.
18. Don't block the air inlet or the air outlet. Don't use the cooker on the carpet or on the rable cloth so as to block the air inlet or the air outlet which might cause the temperature inside the cooker body high excessively.The heat safeguard will effect on the condition which leads to stopping working automatically.
19. Don't touch the plate after using the cooker immediately, since the high heat will transmit to the plate.
20. Don't put out the pin by pulling the power line cord.
21. Don't plug the power pin on the socket without using it.
22. A certain metal material of the pan will lead to high noise during using. Please take it easy for it is not trouble .The noise will disappear after moving the pan a bit.
23. The fan inside the cooker is running for dissipation of heat, so the sound will be heard during in use the cooker.
24. Don't interlay paper and towel between the ceramic plate and the bottom of the pan so as to influence the work of the cooker and avoid danger.
25. Please stop use the cooker if there is damage of the power line and send it to the service centre to repair.



Sufficient space needed around the cooker during working

Cleaning And Maintaining

1. Please pull the plug of power source out of the socket before cleaning and maintaining.
2. Please wipe the ceramic plate and cooker body with wet cloth. Or wipe it with detergent or glass wax, then clean it with the wet cloth. Please do not use hardy brush to clean the cooker.
3. Please wipe the dirt of the air outlet/inlet with cotton, use a toothbrush with little detergent if there is lipidic dirt.
4. Avoid the water inpour into the cooker when cleaning, use dry cloth to wipe the water after cleaning.
5. Don't water the cooker directly or immerse it into water.
6. Don't clean the cooker through opening it up.
7. Please keep the clean constantly to avoid black beetles etc. walk into the cooker.
8. Please keep the bottom of the pan clean to avoid dirt of the bottom adheres to thesurface of top plate.
9. It is normal that there is yellow color showed on the ceramic plate after period of time which can not impact the operating function.

Service after Selling

If there is any matters happen, please contact with us, it is our pleasure to give our hands. Please read carefully for the service centres telephone numbers & address in your guarantee card.

Malfunction checking

These series stoves have a set of particular protective loop and can clue the singularity on through sound, light, digitals, please check the stove before sending it to service if there are problems with the operation of the unit.

Singularity	Checking points
Indicator light isn't on and nothing display, stove can't heat up when the it is on.	1.Have the pin been plugged in tightly; 2.Are the switch, socket, fuse or power line undamaged?
Stove can't heat up and indicator light is glittering when the unit is on.	1.Have you used the unsuitable pans? 2.Is the pan put on the middle of the plate?
Stove can't heat up and the indicator light is glittering when the stove is on (display shows E1)	Is the voltage too low? Confirm the voltage is between 170~260V and try again.
Stove can't heat up (display shows E1)	Is the voltage too high? You must pull the pin out of socket, confirm the voltage is between 170~260V and try again.
Stove can't heat up (display shows E4)	Is the temperature of the pan too high? Try again when the pan cools down. Please choose the mode that temperature is adjustable when you operate the fry, bake etc. high temperature function
Stove can't heat up, indicator light is glittering.	Is there nothing in the pan? Please choose the mode that temperature adjustable when you operate the fry, bake etc. high temperature function.
Stove is automatically to shut off after uttering a DI long sound.	1.Have pressed any key within 2 hours? 2.Have you set time to shut off the unit?

If the malfunction still exists after checking, please contact with our service centre. Please do not try to repair it by yourself, to avoid danger and enlarge the malfunction of the stove. The power line of this stove is appropriative, please do not replace by yourself, if there is damage with the line, it must be replaced by manufacture or its service centre or similar careerman to avoid danger.

Malfunction code sheet

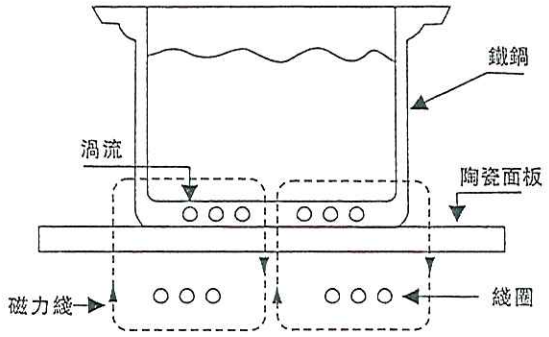
These series stoves have automatic procedure to test malfunction, they can clue the singularity on through sound, light and digitals, can provide testing direction when there is malfunction, so that you can get rid of the malfunction quickly. This code sheet is just for the reference of professional servicing.

Malfunction	Digital	Indicator	Sound	Remark	Checking points
No pan		Poer light and setting indicator light are glittering	A noise with 3 seconds interval	Switch to waiting-start state after 5 times noise	Plough around the signal and signal feedback circuit
Too low voltage	E1				VAC testing circuit
Too high voltage	E1				
High temperature of pan	E4				Pan temperature testing circuit
Too high temperature of IGBT					Fan, IGBT temperature testing circuit, main loop
Too high temperature of IGBT	E2				IGBT temperature testing circuit
Too high temperature of IGBT	E2				
NTC short circuit	E3				Pan temperature testing circuit
NTC short circuit	E3				
Timing finish			Switch to waiting-start state after a noise		

本公司生產系列微電腦電磁爐採用當今最先進的技術、先進工藝及完善的品質管理體系，生產出本系列新型環保高頻電磁爐。該系列產品由微電腦控制，無明火、無烟、高效節能、安全省時，讓傳統烹調隱患一去不返。本系列電磁爐各項性能指標均達國際標準要求，爐面爲容易清潔的高級耐熱黑晶玻璃陶瓷板，整個爐身設計美觀大方，無論置於室內的任何角落都倍添光彩。配以不同用途之平底鍋具，一爐多用，令厨藝工作變得十分簡便。

電磁爐工作原理

電磁爐是採用磁場感應渦流加熱原理。它利用電流通過綫圈產生磁場，當磁場內之磁力綫通過鐵質鍋的底部時，即會產生無數之小渦流，使鍋子本身自行高速發熱，然後再加熱於鍋內食物。



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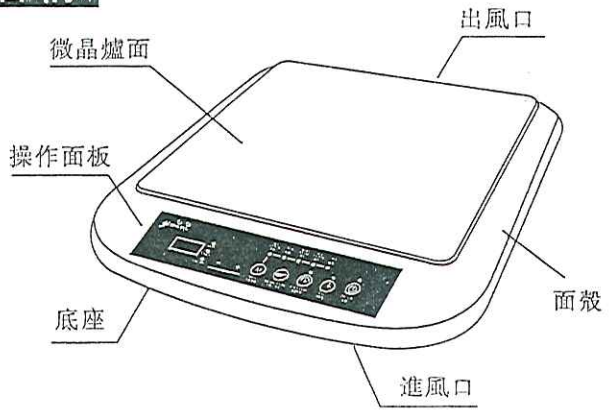
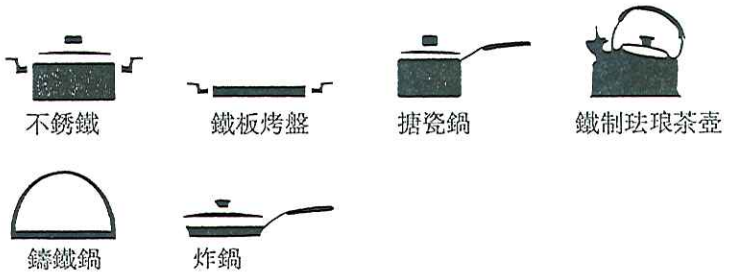


適用的鍋具

適於用作電磁爐烹飪的鍋具底部必須是鐵質材料，如生鐵、不銹鐵、搪瓷、鐵板等，要求底部直徑12cm以上、26cm以下，底部平坦。

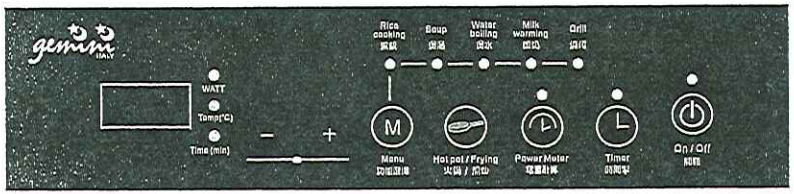


不適用的鍋具

1、陶瓷、玻璃、鋁、銅材料之鍋具。
2、底部直徑小於12cm或大於26cm，底部不平或有脚之容器。
3、復底不銹鋼鍋和復底不銹鐵鍋。
4、不銹鋼鍋具。
5、若採用不適用鍋具，會產生過熱引起火災。

操作方法

GIC20DL 控制面板及操作説明



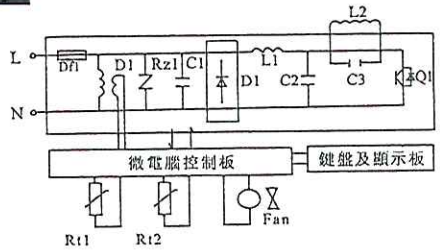
本機設有10檔火力調節，10檔温度調節，由七個按鍵開關操作，三位數碼顯示，簡便操作。

步驟	操作指示	指示燈	功能説明
1	開、關機	開關、火力	1、在爐面中央放置適用容器，插上電源，電源指示燈亮。 2、按下開關鍵，電磁爐進入待機狀態，火力燈亮。 3、在任何狀態下，按“開關”鍵，所有工作狀態取消。
2	火鍋/煎炒	火力、温度	1、按一下“火鍋/煎炒”鍵可進入火鍋狀態，火力指示燈亮（設定5），按“+”或“-”鍵可調整火力大小。 2、按兩下“火鍋/煎炒”鍵可進入煎炒狀態，温度指示燈亮（設定200℃），按“+”或“-”鍵可調整温度大小。 3、按“時間製”鍵可設置定時關機時間（詳見步驟9）。
3	煮飯	煮飯、分鐘	1、按功能選擇鍵兩下，進入智能煮飯工作狀態，數碼管顯示定時60分鐘倒計時顯示。 2、不可調節火力及定時時間，飯熟後轉到保温狀態，煮飯燈閃爍。 3、定時60分鐘够時間後自動關機。
4	煲湯	煲湯、分鐘	1、按功能選擇鍵三下，進入智能煲湯工作狀態（設定120分鐘關機），數碼管顯示倒計時時間。 2、通過調節“+”或“-”鍵可修改定時時間，不可調節火力及温度。
5	煲水	煲水	1、按功能選擇鍵四下，電磁爐進入智能煲水工作狀態。數碼管不顯示。 2、不可調節火力、温度及定時時間，水滾後0-3分鐘轉保温狀態。煲水指示燈滅。

續

6	暖奶	暖奶	1、按功能選擇鍵五下，電磁爐進入智能暖奶狀態。數碼不顯示。 2、不可調節火力、温度。按“時間製”鍵可設置定時關機時間，數碼管顯示倒計定時時間，通過調節“+”或“-”鍵可修改定時時間。（詳見步驟9）
7	燒烤	燒烤	1、按功能選擇鍵六下，電磁爐進入智能燒烤工作狀態，數碼管不顯示。 2、不可調節火力、温度。按“時間製”鍵可設置定時關機時間，數碼管顯示倒計定時時間，通過調節“+”或“-”鍵可修改定時時間。（詳見步驟9）
8	電量計算	電量計算	1、在工作狀態下按“電量計算”鍵，進入電量查詢狀態； 2、數碼窗顯示三位數字（第一位爲個位，第二、三位爲小數點後數值），表示由開機起到目前爲止總用電量（單位爲度），工作一分鐘後才顯示數值。
9	时间製	分钟	1、待機狀態下，按“時間製”鍵，數碼管顯示設定時間，通過調節“+”或“-”鍵可修改時間，再按功能鍵選擇功能，可設置進入該功能工作與目前時間的距離，實行預約功能。 2、在任一功能工作過程中按“時間製”鍵，實行定時功能，數碼管顯示設定時間（分鐘），可設置停止該功能工作到目前時間的距離。 3、按“+”鍵，每按一下遞增五分鐘，可長按鍵快速遞增（最大顯示180分鐘）；按“-”鍵，每按一下遞減一分鐘，可長按鍵快速遞減（最小顯示0分鐘）。 4、在定時設定狀態下如果5秒鐘内没有操作則自動退出設定狀態，回到原來的操作功能狀態。
備注；煮飯、煲湯、煲水請選用專用復底鍋具，以保證有關自動功能正常使用。			

電路原理圖

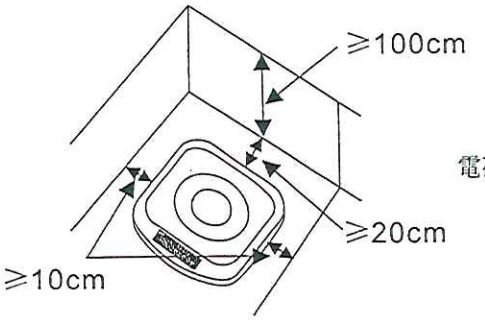


注意事項

請注意以下事項，以免在使用本機時發生短路，引起火災等事故。

1. 爲避免危險，請勿私自打開、修理本機或重裝內部部件。
2. 請勿使用已損壞的電源綫及不能與插頭結合緊密的插座。
3. 電源綫不能折叠或彎曲。
4. 請勿用雜物壓住插頭。
5. 請單獨使用13A以上的專用電源插座，切勿用萬用插座與其他電器同時使用。（此機使用電流爲7A）
6. 手濕時請勿插電源。
7. 請勿在潮濕或近火源外使用此爐。
8. 不要在表面不平之處使用此爐（如金屬表面，地毯，臺布等）。
9. 請勿在室外使用此爐。
10. 本機祇作家庭用途，不作商業用途。
11. 請勿把電磁爐放在小朋友可觸摸之處。
12. 請勿空燒。
13. 請勿在面板表面放金屬物件，如小刀、叉、湯匙、鍋蓋、鋁箔片等。
14. 面板上有鍋時請勿移動電磁爐。
15. 電磁爐工作時應與周圍墻壁保持充足的間距（如下圖）。
16. 請勿在進/排氣口塞有針或金屬綫等。
17. 請勿跌落重物在面板上。若面板發生破裂，應立即關掉電源，將電磁爐送往維修中心修理。
18. 請勿堵塞進/排氣口。請勿在地毯或臺布上使用電磁爐以免堵塞住進/排氣口而引起機體内温度過高。在温度保護裝置下，電磁爐會因高温而自動關閉。
19. 因有餘熱，使用後請勿立即觸摸面板。
20. 請勿通過拉扯電源綫拔出插頭。
21. 不使用電磁爐時請拔掉插頭。
22. 鍋具中含有的金屬成份會使電磁爐在工作過程中産生噪音，這屬正常現象，鍋具移開後噪音會消失。

23. 電磁爐工作過程中機内風扇轉動散熱會發出聲音。
24. 爲避免危險及影響電磁爐正常工作，請勿在鍋底與爐面之間插入紙張或毛巾。
25. 如電源綫有損壞時，請立即停止使用電磁爐。將電磁爐送往維修中心修理。



電磁爐使用時周圍應留的空間

保養及清潔

1. 保養清潔前請先把電源綫拔離電源插座。
2. 陶瓷面板與控制面板及機體輕微污垢請用柔軟的濕布擦拭，軟的濕抹布沾少量牙膏或中性洗潔劑擦拭後再以柔軟的濕抹布擦拭乾净，清理時請勿使用堅硬的刷子刷洗機體。
3. 吸/排氣孔位表面可用棉花捧將塵埃除去，如油漬可用牙擦加少許不損器皿的清潔劑小心清除。
4. 清潔時請防止水流入機内，清潔後須用乾布擦乾水漬後再使用。
5. 切勿直接用水冲洗或浸入水中刷洗電磁爐。
6. 切勿打開電磁爐清洗。
7. 經常保持整個爐的清潔，以免蟑螂等走入爐内，影響機體性能。
8. 請保持鍋具底部乾净，以免鍋具底部的污物燒結在面板上。
9. 電磁爐使用一段時間後，面板如出現發黄的情況，屬正常現象，不影響電磁爐的正常使用功能。

售後服務

若有電磁爐在使用過程中有任何問題，歡迎與我們聯系。請在送修前讀清楚保修卡上的維修中心的電話號碼及地址。

故障檢查

本系列電磁爐有獨特的保護回路及對應各種異常情況用聲、光、数字提示，如發現電磁爐操作上有問題，在送修前請作以下檢查：

異常現象	檢查要點
開啓電磁爐指示燈不亮、不發出提示、不加熱。	1. 電源插頭是否插緊在電源插座上？ 2. 開關、電源插座、電源保險絲、電源綫是否完好？
開啓電磁爐不加熱、指示燈不停閃爍。	1. 使用的鍋具是否合適？ 2. 鍋具是否放在瓷板的正中央？
開啓電磁爐不加熱、指示燈不停閃爍。（數顯機種顯示E1）	電源電壓是否過低，確認電壓在170~260V時再試。
不加熱（數顯機種顯示E1）。	電源電壓是否過高，此時應將電源插頭拔離電源插座，確認電壓在170~260V時再試。
不加熱（數顯機種顯示E4）。	被加熱鍋具溫度是否過高，待鍋冷却後再試。作煎、炒、烤、炸等高温度的料理時，請選擇可調控温度的模式使用。
不加熱、指示燈不停閃爍（數顯機種顯示E6）	鍋具是否空燒？ 作煎、炒、烤、炸等高温度的料理時，請選擇可調控温度的模式使用。
工作中發出“嘀”聲長音後自動停機。	1. 是否2小時内没按任何鍵？ 2. 是否設置了定時關機（有定時功能的機種）

如經以上檢查後，故障依然存在，請與本公司維修點聯絡。請勿自行拆卸修理，避免危險及擴大電磁爐的故障。此電磁爐的電源綫爲專用，切勿自行更換，如果電源綫損壞，爲避免危險、必須由制造廠或其維修部或類似的專職人員來更換。

故障代碼表

本系列電磁爐設有獨特的故障自動檢測程序，將各種异常情况作聲、光、数字提示，故障産生時提供檢測指引，以便快速排除故障。本代碼表僅供專業維修技術人員參考。

故障	数字代碼	指示燈	聲音	備注	檢查要點
無鍋		電源燈及所設定指示燈閃亮	每隔3秒一聲響	連續響5次轉入待機	試探信號、信號反饋電路
電壓過低	E1				VAC檢測電路
電壓過高	E1				
鍋超温	E4				鍋温度檢測電路
ICBT超温					風扇、IGBT温度檢測電路、激勵電路、主回路
ICBT超温	E2				IGBT温檢測電路
ICBT超温	E2				
鍋傳感器短路	E3				鍋温度檢測電路
鍋傳感器短路	E3				
定時結束			響一聲轉入待機		